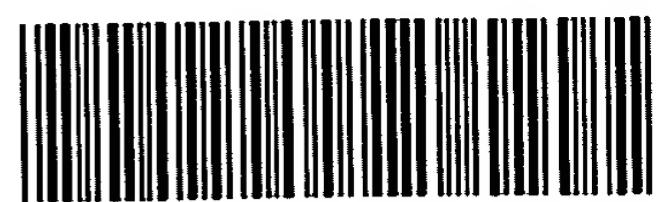


0370
DS28

#11

ENTERED



OIPE

RAW SEQUENCE LISTING
 PATENT APPLICATION: US/09/827,345

DATE: 06/03/2002
 TIME: 13:21:27

Input Set : A:\65691216.app
 Output Set: N:\CRF3\06032002\I827345.raw

3 <110> APPLICANT: CHERMANN, JEAN-CLAUDE
 4 LE CONTEL, CAROLE
 5 GALEA, PASCALE
 7 <120> TITLE OF INVENTION: VACCINE AGAINST INFECTIOUS AGENTS HAVING AN
 8 INTRACELLULAR PHASE, COMPOSITION FOR THE TREATMENT AND
 9 PREVENTION OF HIV INFECTIONS, ANTIBODIES AND METHOD OF
 10 DIAGNOSIS
 12 <130> FILE REFERENCE: 065691-0216
 14 <140> CURRENT APPLICATION NUMBER: 09/827,345
 C--> 15 <141> CURRENT FILING DATE: 2001-04-09
 17 <150> PRIOR APPLICATION NUMBER: 09/599,549
 18 <151> PRIOR FILING DATE: 2000-06-23
 20 <150> PRIOR APPLICATION NUMBER: PCT/FR96/01006
 21 <151> PRIOR FILING DATE: 1996-06-28
 23 <150> PRIOR APPLICATION NUMBER: 08/973,551
 24 <151> PRIOR FILING DATE: 1998-02-19
 26 <150> PRIOR APPLICATION NUMBER: FR 95/07914
 27 <151> PRIOR FILING DATE: 1995-06-30
 29 <160> NUMBER OF SEQ ID NOS: 28
 31 <170> SOFTWARE: PatentIn Ver. 2.1
 33 <210> SEQ ID NO: 1
 34 <211> LENGTH: 15
 35 <212> TYPE: PRT
 36 <213> ORGANISM: Artificial Sequence
 38 <220> FEATURE:
 39 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
 40 peptide
 42 <400> SEQUENCE: 1
 43 Ile Gln Arg Thr Pro Lys Ile Gln Val Tyr Ser Arg His Pro Ala
 44 1 5 10 15
 47 <210> SEQ ID NO: 2
 48 <211> LENGTH: 15
 49 <212> TYPE: PRT
 50 <213> ORGANISM: Artificial Sequence
 52 <220> FEATURE:
 53 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
 54 peptide
 56 <400> SEQUENCE: 2
 57 Phe His Pro Ser Asp Ile Glu Val Asp Leu Leu Lys Asp Gly Glu
 58 1 5 10 15
 61 <210> SEQ ID NO: 3
 62 <211> LENGTH: 15
 63 <212> TYPE: PRT

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/827,345

DATE: 06/03/2002
TIME: 13:21:27

Input Set : A:\65691216.app
Output Set: N:\CRF3\06032002\I827345.raw

64 <213> ORGANISM: Artificial Sequence
66 <220> FEATURE:
67 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
68 peptide
70 <400> SEQUENCE: 3
71 Ala Cys Arg Val Asn His Val Thr Leu Ser Gln Pro Lys Ile Val
72 1 5 10 15
75 <210> SEQ ID NO: 4
76 <211> LENGTH: 7
77 <212> TYPE: PRT
78 <213> ORGANISM: Artificial Sequence
80 <220> FEATURE:
81 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
82 peptide
84 <400> SEQUENCE: 4
85 Arg Thr Pro Lys Ile Gln Val
86 1 5
89 <210> SEQ ID NO: 5
90 <211> LENGTH: 7
91 <212> TYPE: PRT
92 <213> ORGANISM: Artificial Sequence
94 <220> FEATURE:
95 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
96 peptide
98 <400> SEQUENCE: 5
99 Ser Gln Pro Lys Ile Val Lys
100 1 5
103 <210> SEQ ID NO: 6
104 <211> LENGTH: 7
105 <212> TYPE: PRT
106 <213> ORGANISM: Artificial Sequence
108 <220> FEATURE:
109 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
110 peptide
112 <400> SEQUENCE: 6
113 Phe His Pro Ser Asp Ile Glu
114 1 5
117 <210> SEQ ID NO: 7
118 <211> LENGTH: 10
119 <212> TYPE: PRT
120 <213> ORGANISM: Artificial Sequence
122 <220> FEATURE:
123 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
124 peptide
126 <400> SEQUENCE: 7
127 Thr Leu Ser Arg Thr Pro Lys Ile Gln Val
128 1 5 10
131 <210> SEQ ID NO: 8
132 <211> LENGTH: 10

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/827,345

DATE: 06/03/2002
TIME: 13:21:27

Input Set : A:\65691216.app
Output Set: N:\CRF3\06032002\I827345.raw

133 <212> TYPE: PRT
134 <213> ORGANISM: Artificial Sequence
136 <220> FEATURE:
137 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
138 peptide
140 <400> SEQUENCE: 8
141 Ile Tyr Leu Thr Gln Pro Lys Ile Lys Val
142 1 5 10
145 <210> SEQ ID NO: 9
146 <211> LENGTH: 10
147 <212> TYPE: PRT
148 <213> ORGANISM: Artificial Sequence
150 <220> FEATURE:
151 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
152 peptide
154 <400> SEQUENCE: 9
155 Ile Gln Arg Thr Pro Lys Ile Gln Val Tyr
156 1 5 10
159 <210> SEQ ID NO: 10
160 <211> LENGTH: 10
161 <212> TYPE: PRT
162 <213> ORGANISM: Artificial Sequence
164 <220> FEATURE:
165 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
166 peptide
168 <400> SEQUENCE: 10
169 Thr Leu Ser Gln Pro Lys Ile Val Lys Asn
170 1 5 10
173 <210> SEQ ID NO: 11
174 <211> LENGTH: 10
175 <212> TYPE: PRT
176 <213> ORGANISM: Artificial Sequence
178 <220> FEATURE:
179 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
180 peptide
182 <400> SEQUENCE: 11
183 Ile Gln Arg Thr Pro Gln Ile Val Lys Trp
184 1 5 10
187 <210> SEQ ID NO: 12
188 <211> LENGTH: 10
189 <212> TYPE: PRT
190 <213> ORGANISM: Artificial Sequence
192 <220> FEATURE:
193 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
194 peptide
196 <400> SEQUENCE: 12
197 Ile Gln Arg Thr Pro Asn Ile Val Lys Trp
198 1 5 10
201 <210> SEQ ID NO: 13

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/827,345

DATE: 06/03/2002
TIME: 13:21:27

Input Set : A:\65691216.app
Output Set: N:\CRF3\06032002\I827345.raw

202 <211> LENGTH: 8
203 <212> TYPE: PRT
204 <213> ORGANISM: Artificial Sequence
206 <220> FEATURE:
207 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
208 peptide
210 <400> SEQUENCE: 13
211 Cys Tyr Asn Pro Ser Asp Ile Glu
212 1 5
215 <210> SEQ ID NO: 14
216 <211> LENGTH: 7
217 <212> TYPE: PRT
218 <213> ORGANISM: Artificial Sequence
220 <220> FEATURE:
221 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
222 peptide
224 <400> SEQUENCE: 14
225 Tyr Cys Asn Pro Glu Ser Thr
226 1 5
229 <210> SEQ ID NO: 15
230 <211> LENGTH: 8
231 <212> TYPE: PRT
232 <213> ORGANISM: Artificial Sequence
234 <220> FEATURE:
235 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
236 peptide
238 <400> SEQUENCE: 15
239 Asn Phe Leu Asn Cys Tyr Val Ser
240 1 5
243 <210> SEQ ID NO: 16
244 <211> LENGTH: 9
245 <212> TYPE: PRT
246 <213> ORGANISM: Artificial Sequence
248 <220> FEATURE:
249 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
250 peptide
252 <400> SEQUENCE: 16
253 Leu Asn Cys Tyr Val Ser Pro Ser Asp
254 1 5
257 <210> SEQ ID NO: 17
258 <211> LENGTH: 7
259 <212> TYPE: PRT
260 <213> ORGANISM: Artificial Sequence
262 <220> FEATURE:
263 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
264 peptide
266 <400> SEQUENCE: 17
267 Lys Thr Pro Gln Ile Gln Val
268 1 5

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/827,345

DATE: 06/03/2002
TIME: 13:21:27

Input Set : A:\65691216.app
Output Set: N:\CRF3\06032002\I827345.raw

271 <210> SEQ ID NO: 18
272 <211> LENGTH: 7
273 <212> TYPE: PRT
274 <213> ORGANISM: Artificial Sequence
276 <220> FEATURE:
277 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic peptide
280 <400> SEQUENCE: 18
281 Phe His Pro Pro Gln Ile Glu
282 1 5
285 <210> SEQ ID NO: 19
286 <211> LENGTH: 7
287 <212> TYPE: PRT
288 <213> ORGANISM: Artificial Sequence
290 <220> FEATURE:
291 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic peptide
294 <400> SEQUENCE: 19
295 Phe His Pro Pro His Ile Glu
296 1 5
299 <210> SEQ ID NO: 20
300 <211> LENGTH: 7
301 <212> TYPE: PRT
302 <213> ORGANISM: Artificial Sequence
304 <220> FEATURE:
305 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic peptide
308 <400> SEQUENCE: 20
309 Ala Glu Pro Lys Thr Val Tyr
310 1 5
313 <210> SEQ ID NO: 21
314 <211> LENGTH: 7
315 <212> TYPE: PRT
316 <213> ORGANISM: Artificial Sequence
318 <220> FEATURE:
319 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic peptide
322 <400> SEQUENCE: 21
323 Ser Gln Pro Lys Thr Val Tyr
324 1 5
327 <210> SEQ ID NO: 22
328 <211> LENGTH: 10
329 <212> TYPE: PRT
330 <213> ORGANISM: Artificial Sequence
332 <220> FEATURE:
333 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic peptide
336 <400> SEQUENCE: 22
337 Ile Leu Ser Arg Thr Pro Lys Ile Gln Val

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/827,345

DATE: 06/03/2002

TIME: 13:21:28

Input Set : A:\65691216.app

Output Set: N:\CRF3\06032002\I827345.raw

L:15 M:271 C: Current Filing Date differs, Replaced Current Filing Date